

# LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

## Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

### ISSUES TO KITSON QUARRY COMPANY

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of  
limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on eight acres, more or less.

The locations of the operation(s) under this permit is/are as follows: **Renewal**

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Jefferson	26	42N	03E	8	0	8	Site #1	0338

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 28th day of April 2004



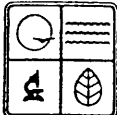
DIRECTOR OF STAFF  
Land Reclamation Commission

Permit No. 0270

Effective Date 05/01/2004

Expiration Date 04/30/2005

RECEIVED



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES**

APR 16 2004

P.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <b>KERMIT E. KITSON &amp; KITSON &amp; HARRY CO.</b>		MISSOURI LAND RECLAMATION COMMISSION SITE <b>4-12-004</b>	
ADDRESS <b>P.O. BOX 94</b>	CITY <b>CEPHER HILL</b>	STATE <b>MO</b>	ZIP CODE <b>63016</b>
CONTACT PERSON <b>KERMIT E. KITSON</b>		TELEPHONE NUMBER	

**FEES: COMPLETE SECTION I OR SECTION II**

**SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:**

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ <b>150.00</b>
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$

TOTAL SITE FEE **40.00**

2. Acreage Fee \$5 X **8** number of acres bonded ..... \$ **40.00**

3. Annual Permit Fee ..... \$ **500**

4. Total Fee (Add totals from 1, 2 and 3) ..... \$ **690.00**

NOTE: If Total Fee exceeds \$2,500.00 then pay only ..... \$ **2,500**

**SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:**

1. Annual Permit Fee ..... \$ **300**

SIGNATURE OF APPLICANT <i>Kermit E. Kitson</i>	TITLE <b>OWNER</b>	DATE <b>4-12-004</b>
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Appeared before me this **12<sup>th</sup>** day of **April**, 20**04**, **Kermit E. Kitson**  
to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <b>Missouri</b>	COUNTY (OR CITY OF ST. LOUIS) <b>Jefferson</b>
SUBSCRIBED AND SWORN BEFORE ME, THIS <b>12<sup>th</sup></b> DAY OF <b>April</b> , YEAR <b>2004</b>		
NOTARY PUBLIC SIGNATURE <i>Brenda J. Schabel</i>	MY COMMISSION EXPIRES <b>5/3/06</b>	<b>USE RUBBER STAMP IN CLEAR AREA BELOW.</b> <b>Notary Public - Notary Seal</b> <b>STATE OF MISSOURI</b> <b>Jefferson County</b> <b>My Commission Expires: May 3, 2006</b>
NOTARY PUBLIC NAME (TYPED OR PRINTED) <b>Brenda J. Schabel</b>		

FOR DEPARTMENT USE ONLY: APPROVED BY <i>[Signature]</i>	DATE APPROVED <b>4-19-04</b>	PERMIT NUMBER <b>0270</b>	EXPIRATION DATE <b>4-30-05</b>
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MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)		
Same as above		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT   
		<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

MO 780-1036 (12-91)



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**MINE PLAN**

P.O. BOX 176  
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 4/30/ 2012

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

This site has been quarried for a total of approximately forty (40) years and was a sloping hill, part field and part glade---very little vegetation.

The pit consisted of \_\_\_ acres (approximately) when mining was started in 1978.

?

**OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.**

**A. TOPSOIL**

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

3 to 6 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Overburden is removed using front-end loader and trucks.

Topsoil and all other soil materials are not combined.

The overburden is approximately 18 to 20 inches, and is a conglomerate of mixtures.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Overburden is stockpiled adjacent to pit area.

The size of stockpile varies, but would average about 2 feet high, 12 feet wide, in a continuous row. This is the soil replacement material.

8/3/93 I spoke with Mr. Kitson on the phone about this. He said that vegetation pops up all over the stockpiles and the stockpiles are placed in areas where they are not subject to <sup>excessive</sup> surface drainage erosion.  
- W. Monahan

**B. SPOIL**

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

Spoil is usually located away from the face; moved, back, out of the way; and is sold as fill material.

**C. ACID MATERIALS**

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE.

**D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)**

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

SITE MAPS HAVE BEEN SUBMITTED.

**YES      NO**

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?  
(NOTE: If the answer is "yes", a safety barrier may be needed.)

**RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.**

**A. REVEGETATION** (Attach additional sheets, if needed)

REVEGETATION MIX #1

PURPOSE OR LAND USE

*Industrial*

B. SEEDING OR PLANTING TIME

*HS + ins. grading at time of  
year appropriate to type of seed.*

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

On areas that are not exposed rock and are covered with overburden, revegetation will be effected using a broadcast seeder.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Switchgrass	6		
Smooth brome	5		
Birdsfoot trefoil	7		

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

**B. GRADING**

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

NO GRADING OF THIS TYPE IS APPLICABLE TO OUR PRESENT OPERATION,  
except as follows:

The only areas to be covered with overburden are the perimeters---outside of the pit.

The basic quarry consists of a level rock floor.

**C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES**

## GRADING

Any necessary grading will be completed within 12 months of the last permit year within which the area was part of the active mining areas.

## REPLACEMENT OF TOPSOIL

This is to be accomplished on the same basis as for grading.

## REVEGETATION

This is to be accomplished on the same basis as for grading----except, the time factor is 24 months.

## AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

12

**D. USE OF LAND WHEN RECLAIMED**

Estimate acreage of each land use below, after reclamation

**ESTIMATED ACRES:**

Wildlife (forest or other habitat with livestock excluded)

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

28.09 +/-

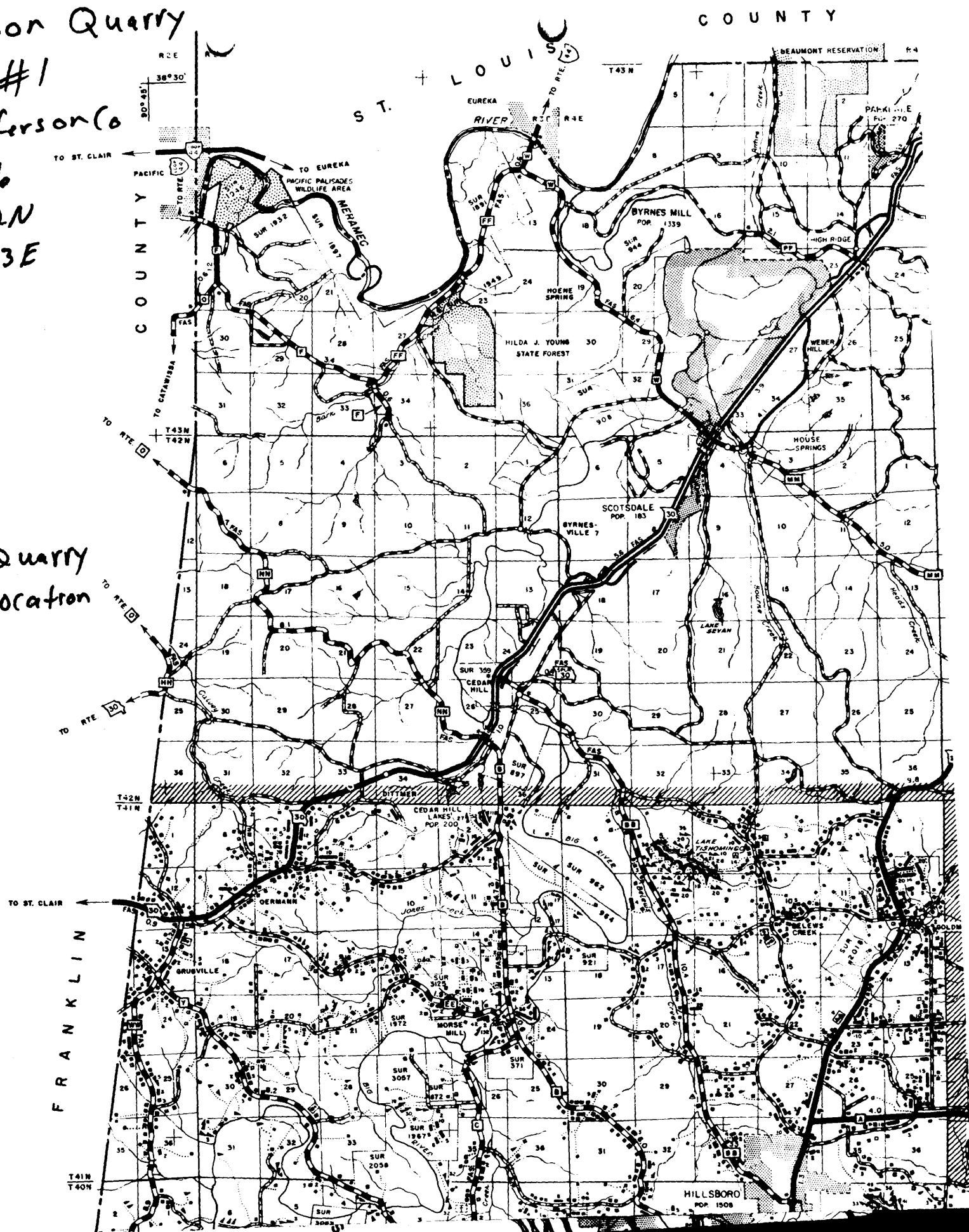
By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT <i>Kermit E. Kitson</i> Kermit E. Kitson		TITLE Owner	DATE May 1, 1992
NOTARY PUBLIC EMBOSSEER SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Jefferson	
SUBSCRIBED AND SWORN BEFORE ME, THIS 1st DAY OF May 1992		USE RUBBER STAMP IN CLEAR AREA BELOW	
NOTARY PUBLIC SIGNATURE <i>Fern E. Rose</i>	MY COMMISSION EXPIRES 11/25/95	FERN E. ROSE NOTARY PUBLIC—STATE OF MISSOURI MY COMMISSION EXPIRES NOV 25, 1995 JEFFERSON COUNTY	
NOTARY PUBLIC NAME (TYPED OR PRINTED) Fern E. Rose			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Russell Cramley</i>	DATE APPROVED 7/16/92	PERMIT NUMBER 270	



- Quarry location





RONALD J. DOUGHERTY

INDEX  
100' SW 1/4 SEC 26 T 42 N R 3 E  
UNIVERSITY OF MISSOURI  
LIBRARY

DATE OF PHOTOGRAPHY: MAY 1981 SCALE: 1" = 100' SW 1/4 SEC 26 T 42 N R 3 E

JEFFERSON COUNTY, MISSOURI

